FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: July 21, 1992 Date Submitted: July 2, 1992 Project: Metro Self Monitor, PO #M25100

RESULTS OF ANALYSES OF THE WATER SAMPLES FOR SELECTED METALS BY ICP (6010) Results Reported as mg/L (ppm)

Sample #	Chromium	<u>Copper</u>	Nickel	Zinc				
M25100 'A' 7238	0.64	0.41	0.57	0.18				
M25100 'B' 7201	4.9	0.67	3.2	3.1				
Ouality Assurance								
Method Blank	<0.02	<0.02	<0.02	<0.02				
M25100 'B' 7201 (Duplicate)	4.9	0.67	3.1	3.0				
M25100 'B' 7201 (Matrix Spike)								
Percent Recovery	93%	105%	100%	92%				
M25100 'B' 7201 (Matrix Spike Duplicate)								
Percent Recovery	93%	105%	100%	91%				
Spike Blank Percent Recovery	000	1020						
	998	103%	98%	95%				
Spike Level		5	10	5				

FRIEDMAN & BRUYA, INC. 3008-B 16th Avenue West Scattle, WA 98119

SAMPLE CHAIN OF CUSTODY

Company P.O. City, State, Zip Section # (206)	laskan (opper	Work	Ś	_ Contact_	Genald -	Thompson	ಎ	
ddress 7.0.	Box 35	16 : 98	3124						
hone # (206)	823-5	300			_ Dute				
SITE NO.	SITE NO. PROJECT NAME				PURCHASE ORDER #				
7238+:7201 meteo Self moxitor					M 25100.				
SAMPLERS (signature)					PROJECT LOCATION				
In Golfen				3200 6th Ave. South SAMPLE DISPOSAL INFORM.					
REMARKS									
				Dispose after 30 days Return Samples Call for Instructions					
SAMPLE #		Date/T Sample		Type of Sample	# of Jars	Lab Sample #	Analyses Requeste	ed	
m 25100	``A * 723	8 7/2/52	7:00m	WATER	1	30655	CR, Cu	Ni,ZA	
m 25/00 "	B" 7201	7/1/92	1:00 -	enten comp	1	30656	CR, Cu,	N;, ZN	,
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SIGNATURE Rel Aquished by:	<u> </u>	PI	AMAN TAIS		СОМІ	'ANY		Date	Time
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Received by:	ni Ku	if N	lelania	Kirol	FI	3 <u>7</u> "	7	1/2	8:52
Relinquished by:									
Received by:									

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

DUPLICATE COPY

INVOICE # 92ACU0721-1

July 21, 1992

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Re: Billing for the analyses of the environmental samples submitted on July 2, 1992 from Project Metro Self Monitor, PO #M25100 and reported to Gerald Thompson, Project Leader.

2 water samples analyzed for selected metals by ICP @ \$65 per sample \$ 130.00 \$ 130.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

July 21, 1992

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results of the analyses of the samples submitted on July 2, 1992 from Project Metro Self Monitor, PO #M25100.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,

Mark Z Perin

Chemist

MZP/dp

Enclosures